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1 UNITED STATES DISTRICT COURT  
2 SOUTHERN DISTRICT OF NEW YORK  
-----x

3 UNITED STATES OF AMERICA,

4 v.

23 Cr. 430 (KPF)

5 ROMAN STORM,

6 Defendant.

Decision

7 -----x  
8  
9 New York, N.Y.  
September 26, 2024  
4:30 p.m.

10 Before:

11 HON. KATHERINE POLK FAILLA,

12 District Judge

13 APPEARANCES

14 DAMIAN WILLIAMS  
United States Attorney for the  
15 Southern District of New York  
BY: NATHAN M. REHN  
16 BEN ARAD  
17 BENJAMIN A. GIANFORTI  
18 Assistant United States Attorneys

19 KEVIN G. MOSLEY  
Special Assistant United States Attorney

20 WAYMAKER LLP  
Attorneys for Defendant  
21 BY: BRIAN E. KLEIN  
22 KEVIN M. CASEY  
23 KERI C. AXEL

24 HECKER FINK LLP  
Attorney for Defendant  
25 BY: DAVID E. PATTON

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1 (Case called)

2 MR. REHN: Good afternoon, your Honor.

3 This is Thane Rehn for the government. Also on the  
4 line are Ben Gianforti and Ben Arad, Assistant United States  
5 Attorneys, and Special Assistant United States Attorney Kevin  
6 Mosley.

7 THE COURT: Good afternoon to everyone, and thank you.

8 And representing Mr. Storm this afternoon?

9 SPEAKER2: Good afternoon, your Honor.

10 This is Brian Klein on the line, also my colleagues  
11 Keri Curtis Axel and Kevin Casey, and then David Patton, and  
12 our client is also dialed in, Mr. Storm.

13 THE COURT: Thank you very much.

14 Good afternoon to each counsel.

15 Mr. Storm, this is Judge Failla. Are you able to hear  
16 me, sir?

17 THE DEFENDANT: Yes, your Honor, I'm able to hear you.  
18 This is Roman Storm.

19 THE COURT: Thank you very much.

20 Mr. Klein, I thought that, given that this was going  
21 to be a lengthy oral decision, it might make sense for the  
22 parties to appear telephonically. I also thought that might be  
23 a convenience to you and to your client, but of course I would  
24 like to obtain, if I may, your client's waiver of having this  
25 proceeding take place in person.

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1 SPEAKER2: Your Honor, yes, you have that. And we  
2 greatly appreciate you letting us do this over phone. Do you  
3 need him to agree over the phone?

4 THE COURT: I would, thank you. And you'll excuse me,  
5 there was an interruption a moment there. Hopefully there  
6 won't be multiple interruptions during this conference.

7 Mr. Storm, were you able to hear me just speaking with  
8 your counsel a moment ago?

9 THE DEFENDANT: Yes, I did. And I do agree to  
10 proceed. Thank you.

11 THE COURT: By that, you mean you agree to proceed  
12 telephonically, and I thank you for noting that.

13 THE DEFENDANT: Right.

14 THE COURT: Well, then let me give folks an idea of  
15 the afternoon's proceedings. I have a long oral decision to  
16 read into the record, and at times like this, I think that I  
17 probably should issue it in writing, but it would get to you  
18 much more quickly if I did it orally, and that's why I'm doing  
19 it this way.

20 I am going to give everyone a moment or two to mute  
21 themselves so that there aren't any interruptions as I give  
22 this. And just for your planning purposes, I did not time  
23 myself, but I imagine that this is a 45- to 60-minute decision,  
24 so I appreciate in advance all of the patience and the  
25 attention that you can give me. So I'll pause for a moment and

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1 then I will begin.

2 I do begin by thanking everyone on the call, in  
3 particular counsel for both sides and Mr. Storm for your  
4 comprehensive submissions, which took me a while to get  
5 through, and of course your oral argument presentations, but  
6 also your patience. Right after the oral argument in this  
7 matter, I found out that I had very time-sensitive issues in  
8 two other cases that I have with classified components to them,  
9 and I've also spent most of the month of September on trial.  
10 My trial finished this past Monday, so I thank for you your  
11 patience.

12 I also thank those who might be listening to this call  
13 or who will see the transcript of this who submitted *amici  
curiae* briefs to aid me in considering the issues in this case.

15 After the oral argument in August, I was advised by  
16 the parties that they had resolved the issues regarding the  
17 motion to suppress. I won't be discussing it here; instead,  
18 I'll be dealing with the motion to compel and the motion to  
19 dismiss. And for the reasons that I'm about to outline, I'm  
20 denying both motions.

21 I will ask the parties to obtain a copy of this  
22 transcript whenever it's convenient for you.

23 I'm going to begin with the motion to compel. And  
24 Mr. Storm is moving the Court for an order compelling the  
25 government to produce basically two categories of information.

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I'll refer to the first category as "MLAT" communications, and I know the parties know what I'm speaking of. And at the time of the oral argument, what I had understood was that Mr. Storm had received some portion of the materials that the government had received in response to MLAT requests but not the other line communications with, for example, the Dutch authorities.

I also did appreciate Mr. Klein's proviso that the defense didn't want nonsubstantive communications like transmittal letters or scheduling emails, so nothing of that nature.

There's also the second category, which would be communications with or involving the office of Foreign Assets Control, which I will refer to as "OFAC," and the Financial Crimes Enforcement Network, which I will refer to as "FinCEN," materials and communications regarding Mr. Storm or this case. And Mr. Storm argued that the government was required to produce this information in accordance with their obligations under Federal Rule of Criminal Procedure 16 and cases such as *Brady v. Maryland*, 373 U.S. 83, from 1963. He argued that the information was material to his defense preparation and, in particular, that there was a strong indication that it will play an important role in uncovering admissible evidence, aiding in witness preparation, corroborating testimony, or assisting impeachment or rebuttal, and in so doing he was quoting from Judge Kaplan's decision in *United States v. Stein*,

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1 488 F. Supp. 2d 350, from 2007.

2 The government opposed the motion and argued that  
3 Mr. Storm had not made a *prima facie* showing of materiality,  
4 and instead argued that these requests amounted to "a  
5 speculative fishing expedition." Their words, not mine.

6 So, looking first at the applicable law, I'm aware,  
7 and I know the parties are aware, so I might proceed somewhat  
8 summarily here, that pretrial discovery is governed by Rule 16  
9 of the Federal Rules of Criminal Procedure, which provides, in  
10 pertinent part, that a defendant is entitled to obtain from the  
11 government documents and objects that are "within the  
12 government's possession, custody, or control" if they are  
13 either "material to preparing the defense" or will be used by  
14 the government in its case in chief at trial.

15 And what makes something material is if it could be  
16 used to counter the government's case or to bolster a defense.  
17 And the Second Circuit and other courts have found that  
18 information not meeting either of those criteria is not to be  
19 deemed material. This would include cases such as *United*  
20 *States v. Stevens*, 985 F.2d 1175, from 1993, and *United*  
21 *States v. Scully*, which is an Eastern District decision from  
22 2015, discussing this, 108 F. Supp. 3d 59.

23 The courts are directed to consider "the logical  
24 relationship between the information and the issues in the  
25 case" and "the importance of the information in light of the

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1 evidence as a whole." "There must be some indication that the  
2 pretrial disclosure of the disputed evidence would ... enable  
3 [] the defendant significantly to alter the quantum of proof in  
4 his favor." And I am quoting here from *United*  
5 *States v. Maniktala*, 934 F.2d 25, a Second Circuit decision  
6 from 1991. And in this setting, it is "a defendant who bears  
7 the burden of making a *prima facie* showing that the information  
8 sought is material."

9 There are many cases for this proposition. One recent  
10 one is Judge Cronan's decision in *United States v. Alexandre*,  
11 at 2023 WL 416405, and the *United State v. Rigas*,  
12 258 F. Supp. 2d 299, a Southern District decision from 2003.

13 Separately, there is the line of cases, including  
14 *Brady* and others, that establishes "the government has an  
15 affirmative duty under the Due Process Clause to disclose  
16 favorable evidence known to it, even if no specific disclosure  
17 request is made by the defense." Cases discussing the *Brady*  
18 and *Giglio* obligations of the government include *United*  
19 *States v. Hunter*, 32 F.4th 22, a Second Circuit decision from  
20 2022.

21 These cases also make clear, however, that "there is  
22 no general constitutional right to discovery in a criminal  
23 case," that *Brady* did not create such a right, and that  
24 "Rule 16 does not entitle a criminal defendant to a broad and  
25 blind fishing expedition among items possessed by the

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1 government on the chance that something impeaching might turn  
2 up." I've been quoting from two cases here, the first is  
3 *Weatherford v. Bursey*, 429 U.S. 545 from 1977, and the second  
4 is the *Scully* case I mentioned earlier.

5 Let me now turn to my analysis of this motion. And as  
6 I suggested in my questioning at oral argument, I find now, and  
7 I found then, Mr. Storm's arguments to compel production of the  
8 MLAT communication, and that's where I'm beginning, to be too  
9 speculative and too attenuated to satisfy his burden of showing  
10 materiality.

11 Even under Judge Kaplan's *Stein* standard, Mr. Storm  
12 has not demonstrated a "strong indication" that the information  
13 he seeks would aid defense. And that is because, in the papers  
14 I read and in the discussions at oral argument, everything was  
15 couched in terms of "may": Disclosure of these communications  
16 may provide insight into the government's theories of the case,  
17 particularly if they have changed; they may particularize the  
18 evidence the government intends to use at trial; they may give  
19 insights into other complicit parties, or parties the  
20 government thought were complicit earlier on; they may help the  
21 defense identify percipient witnesses for trial. But Mr. Storm  
22 has not succeeded in connecting the dots and explaining  
23 precisely how the communications sought would aid the defense.  
24 And that's insufficient under the law that I've just listed.

25 Of course, the defense argues that, because it does

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1 not know the precise content of the requested materials, it  
2 must couch what it understands are in the requested materials  
3 and communications with terms like "could" and "may." While  
4 that may be understandable, it is still insufficient. There  
5 must be some showing that the MLAT communications are, in fact,  
6 and not just in theory, material to the defense. Instead, at  
7 oral argument, Mr. Klein recalled that, as a former prosecutor,  
8 he had observed "MLAT requests and communications, again, can  
9 often involve substantive facts about the case" or exhibits.  
10 And I'm quoting from the transcript at page six.

11           I, too, am a former prosecutor, but my experiences,  
12 which, as it happened, never resulted in a request for, much  
13 less a disclosure of, MLAT communications, it just can't be the  
14 basis for me to make a finding that such communications would  
15 be material to the defense.

16           Mr. Klein also sought to analogize the MLAT  
17 communications to search warrant applications, which are  
18 typically disclosed. But, as the government noted, those  
19 materials do not implicate comparable "diplomatic  
20 sensitivities." And ultimately, upon looking at the little bit  
21 of case law in this area, I agree with the conclusion that  
22 Judge Furman reached in the *Ralston* case, *United*  
23 *States v. Ralston*, 2021 WL 5054464 from 2021, that he rejected  
24 a motion to compel MLAT communications after reviewing the  
25 materials. Another case in which the motion was denied was

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1       *United States v. Hutchins*, 2018 WL 1695499, from the Eastern  
2 District of Wisconsin.

3                 Now, to be clear, I'm aware that there are some  
4 factual differences. In Judge Furman's case, for example, the  
5 materials there were sought in order to prove that the  
6 government had made a pretextual use of MLATs in order to toll  
7 the relevant statute of limitations. That's true, but as it  
8 happened, the defendant in the *Ralston* case made a much more  
9 detailed, even if ultimately unsuccessful argument, than  
10 Mr. Storm makes here.

11                 I am also aware that Judge Furman reviewed the MLAT  
12 materials *in camera* before arriving at his decision. In that  
13 case, of course, the argument had been that they had been  
14 pretextual and the government had consented to their  
15 inspection. There's no comparable consent or showing in this  
16 case. And as I'll discuss shortly, I am not going to review  
17 these materials *in camera* simply because I've been asked to do  
18 so. And in part, that is because, as Mr. Klein confirmed at  
19 oral argument, the defense was not, at this time, raising an  
20 argument of government misconduct, the likes of which might be  
21 discussed in cases like *Kyles v. Whitley*, 514 U.S. 419, from  
22 1995.

23                 I also do see that the *Hutchins* Court noted that the  
24 government had produced all of the information it had received  
25 from the request at issue. I don't have that exact

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1 representation in this case; I have, instead, the government's  
2 representation that it has complied with its Rule 16 and its  
3 disclosure obligations.

4 At oral argument, defense counsel also suggested that  
5 Mr. Storm had the right to review the MLAT materials in order  
6 to see what individuals or arguments were on the government's  
7 radar screen when the requests were submitted, and from this,  
8 Mr. Storm might learn of potential witnesses or of individuals  
9 the government once thought were co-conspirators, or once  
10 thought might have been involved in the underlying offense but  
11 elected not to charge, but neither of these reasons suffices to  
12 compel disclosure. To the extent the defense is moving for  
13 disclosure of other co-conspirators or government informants,  
14 there is a different vehicle, and that would be a motion under  
15 *Roviaro v. United States*, 353 U.S. 53, from 1957.

16 To the extent the government may have abandoned an  
17 earlier theory of the case because, as Mr. Klein argued, it is  
18 "somehow helpful to" Mr. Storm, that information would be  
19 subject to disclosure, if at all, under the government's *Brady*  
20 or *Giglio* obligations, it would not necessitate disclosing the  
21 underlying communications with the foreign prosecuting office  
22 or other state organizations.

23 Mr. Klein also suggested that, because the case "is a  
24 novel, complex case of first impression ... understanding the  
25 government's theory would be generally helpful to us." I'm

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1 quoting here from the transcript at page 11. But there is, in  
2 fact, a 37-page speaking indictment, and defense conceded that  
3 things were learned from that indictment and from the briefing  
4 in this case.

5 As a fallback position, Mr. Storm asks this Court to  
6 conduct an *in camera* review of the MLAT communications, and I  
7 am denying this request as well. I want to be clear, and some  
8 of you know this, that I come from the appellate side of the  
9 house, and I will frequently extend myself to do things that  
10 aren't technically required under the law simply to stave off  
11 an appellate issue. I'm not doing that here, however, because  
12 I believe it would set a bad precedent. To conduct an *in*  
13 *camera* investigation of the communications with the Dutch  
14 authority, for example, on this slender a record would  
15 effectively call for *in camera* reviews in all cases or nearly  
16 all cases. The defense hasn't met its burden, and I'm not  
17 interested in being a data point for some later motion for an  
18 *in camera* inspection on a similarly sparse record.

19 Now, there is a second prong of the motion to compel.  
20 And here, Mr. Storm is seeking to compel the government to  
21 produce all communications with OFAC and FinCEN relating to him  
22 or to this case more broadly. In his reply submissions and  
23 then again in oral arguments, Mr. Storm had narrowed his  
24 request to three, asking the Court to, first, have the  
25 government confirm that it has produced everything received

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from OFAC and FinCEN, and, of course, if it hadn't produced things, to produce the materials that it held back; number two, to confirm that their agents had not had separate contact with OFAC and FinCEN; and number three, to order to OFAC and FinCEN to conduct prudential *Brady* reviews. As the government, at oral argument, confirmed the second point, that is now moot, and this Court is denying the remaining two requests.

At oral argument, the government confirmed that it did not produce all materials received from OFAC and FinCEN, but that it did fully comply with its discovery and disclosure obligations. And as with the MLAT communications, there are standards for the production of discovery pursuant to Rule 16, and for the disclosure of information pursuant to cases like *Brady*. There is nothing to suggest that the government wasn't warranted in withholding from disclosing things outside of the bounds of these obligations, and I am therefore not going to compel them to turn over the withheld materials. But as I made clear at oral argument, and as the government is aware from my work in other cases, if it turns out the government ultimately has interpreted its obligations too narrowly, there likely will be unfortunate consequences for their case.

This Court is also declining the invitation to issue prudential search requests to OFAC and FinCEN to conduct *Brady* reviews, assuming that, as the government does not but I do here, that I have the jurisdiction to compel such actions in

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1 the first instance.

2 And here, the issue, as the parties are aware,  
3 distills to whether either of these agencies qualifies as a  
4 part of the prosecution team. Now, the notion of the  
5 prosecution team is discussed in cases such as *United*  
6 *States v. Avenatti*, 2022 Westlaw 457315, *United*  
7 *States v. Avellino*, 136 F.3d 249, a Second Circuit decision  
8 from 1998, *United States v. Meregildo*, 920 F. Supp. 2d 434, a  
9 Southern District decision, from 2013, and I just looked  
10 recently, and it's been discussed by Judge Oetken in *United*  
11 *States v. Middendorf*, 2018 WL 3956494, from the Southern  
12 District. And the notion there is that "the prosecution's  
13 obligation extends to any material in the possession of any  
14 entity that has acted as an 'arm of the prosecutor' in a given  
15 case." I am quoting from the *Middendorf* decision here. And  
16 Judge Oetken set forth order of five primary factors that a  
17 Court is to consider, which include "whether the entity  
18 participated in the prosecution's witness interviews, was  
19 involved in presenting the case to the grand jury, reviewed  
20 documents gathered by or shared documents with the prosecution,  
21 played a role in the development of prosecutorial strategy, or  
22 accompanied the prosecution to court proceedings."

23 Here, I am accepting the government's representation  
24 that OFAC and FinCEN did not affect the development of the  
25 government's investigative or prosecutorial strategy; did not

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1 assign any employees to the prosecution team as Special  
2 Assistant United States Attorneys; were not involved in  
3 presenting the case to the grand jury; did not receive grand  
4 jury transcripts; have not participated in the execution of  
5 search warrants or responsiveness reviews; did not obtain  
6 materials produced to the government pursuant to grand jury  
7 subpoenas; have not attended government interviews; did not  
8 contribute to drafts of the indictment or the prosecution  
9 memorandum used to make the criminal charging decision; and  
10 have not attended court proceedings in this case." And in  
11 consequence, this Court will not order them to review their  
12 files for *Brady* or Rule 16 material.

13 Once again, and this was a theme in the motion to  
14 compel, Mr. Storm has not made a showing that these files  
15 contain exculpatory material. There is, of course, the  
16 citation to the 70-page OFAC report, but to reason from this  
17 that OFAC may have materials that are *Brady* materials, my  
18 concern is that to order OFAC to review its files for such  
19 material would be a complete end-run around the prosecution  
20 team construct, and this Court will not do it, and therefore  
21 that motion to compel production is denied.

22 I now turn to the motion to dismiss. And here,  
23 Mr. Storm is seeking dismissal of each of the three charges  
24 against him. Because the Count One dismissal arguments are  
25 dependent, in part, on the Count Two, that's where the Court is

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beginning. So, as to Count Two, which is Conspiracy to Operate an Unlawful Money Transmittal Business, Mr. Storm argues that the indictment fails to allege that he or Tornado Cash had the requisite control to be a money transmitting business, and, additionally, that the indictment fails to allege that he or Tornado Cash charged a fee for the transfer of funds.

Turning now to Count One, which was the Conspiracy to Commit Money Laundering, that's what it charges, Mr. Storm argues first that the alleged "financial transactions" do not come within the ambit of Section 1956 because Tornado Cash was not a "financial institution"; second, he argues that he did not conspire or agree with anyone to conduct a financial transaction involving the proceeds of specified unlawful activity; and third, that he lacked the specific intent to further an illegal purpose.

As to Count Three, which is the Conspiracy to Violate IEEPA, Mr. Storm argues first that the "informational materials" exception requires dismissal of the count, and separately, that it fails to allege that he willfully conspired to evade sanctions on North Korea.

There are also several broader grounds that I'll talk about a little bit later. There are some arguments made under the First Amendment about overbroad or First Amendment violations, and Mr. Storm also argues that the indictment should be dismissed on Due Process grounds, and I'll talk about

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1 that a little bit later.

2 Again, I'll be somewhat summarily in this area. But a  
3 defendant can move to dismiss an indictment on the grounds that  
4 it is defective Rule 12(b) (3) (B) of the Federal Rules of  
5 Criminal Procedure, including for lack of specificity and for  
6 failure to state an offense. And because "federal crimes are  
7 solely creatures of statute, ... a federal indictment can be  
8 challenged on the grounds that it fails to state or fails to  
9 allege a crime within the terms of the applicable statute."  
10 One case for this proposition, and there are many, is *United*  
11 *States v. Aleynikov*, 676 F.3d 71. That said, courts have found  
12 that a defendant faces a "high standard" in seeking to dismiss  
13 an indictment because Federal Rule of Criminal Procedure 7  
14 requires only that the indictment provide "a plain, concise,  
15 and definite written statement of the essential facts  
16 constituting the offense charged." As a result, courts  
17 generally find that "an indictment need 'do little more than  
18 track the language of the statute charged and state the time  
19 and place, in approximate terms, of the alleged crime.'" I'm  
20 quoting here from *United States v. Stringer*, 730 F.3d 120, a  
21 Second Circuit decision from 2013.

22 And another case that stated a similar proposition is  
23 *United States v. Yannotti*, 541 F.3d 112, a Second Circuit  
24 decision from 2008, which indicates that "[a]n indictment is,  
25 sufficient when it charges a crime with sufficient precision to

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1 inform the defendant of the charges he must meet and with  
2 enough detail that he may plead double jeopardy in a future  
3 prosecution based on the same set of events."

4 At the motion to dismiss stage, this Court must  
5 "accept as true all of the allegations of the indictment."  
6 That's stated in *United States v. Goldberg*, 756 F.2d 949, a  
7 Second Circuit decision from 1985. In addition, the Court is  
8 not to "look beyond the face of the indictment and draw  
9 inferences as to proof to be adduced at trial, for 'the  
10 sufficiency of the evidence is not appropriately addressed on a  
11 pretrial motion to dismiss[.]'" Here, I'm quoting *United*  
12 *States v. Alfonso*, 143 F.3d 772, a Second Circuit decision from  
13 1998. In another more recent case, *United State v. Dawkins*,  
14 999 F.3d 767, a Second Circuit decision from 2021, the Court  
15 finds that summary judgment proceedings "do[] not exist in  
16 federal criminal procedure."

17 Now, before I get into the merits of Mr. Storm's  
18 argument, I want to echo something that I observed at oral  
19 argument, which is that, to the extent that Mr. Storm is asking  
20 me to decide a controverted issue of fact, or to insert a  
21 clarifying factual allegation into the government's charging  
22 language, I'm just not able to do that based on the cases that  
23 I've just cited. These factual arguments that have been  
24 proffered to me include, as two examples, Mr. Storm's  
25 assertions regarding the nature of the Tornado Cash service,

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1 and those concerning the degree to which Tornado Cash's  
2 components were "open source" or "immutable."

3 As to the first, the indictment charges that Tornado  
4 Cash comprised a website, a user interface, various smart  
5 contracts, including those smart contracts that were referred  
6 to in the indictment as "Tornado Cash pools," and a network of  
7 "relayers" who provided customers with enhanced anonymity in  
8 exchange for a fee. Now, as to the second, the indictment  
9 alleges that Tornado Cash's three founders controlled the user  
10 interface, or UI, and had the ability to make changes to it at  
11 their own discretion throughout the charged time period. The  
12 government also notes in its opposition that the Tornado Cash  
13 UI wasn't announced as open source until July 2022, and argues  
14 that even then, such an announcement was largely a public  
15 relations move without any real effect.

16 Relatedly, Mr. Storm argues that the Tornado Cash pool  
17 smart contracts were "immutable" after May of 2020, but the  
18 indictment charges, and the government has argued to me, that  
19 other aspects of the Tornado Cash service were not similarly  
20 free from tinkering.

21 The point is, at this stage in the case, this Court  
22 cannot simply accept Mr. Storm's narrative that he is being  
23 prosecuted merely for writing code. For starters, that's an  
24 overstatement of what's actually charged in the indictment.  
25 What is more, if the jury ultimately accepts his narrative,

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1 then it will acquit, but there is no basis for me to decide, as  
2 a matter of law, that the government hasn't alleged criminal  
3 conduct sufficient to satisfy each of the elements of the  
4 offenses charged. But I will now turn to the legal challenges  
5 to each statute.

6 Count Two charges an offense under 1960. And there's  
7 a lot of discussion in the parties' submissions about what is a  
8 money transmitting business. There are references to it in  
9 Section 1960 itself, there are references to it in Section 5530  
10 of Title 31 of the United States Code, there are references to  
11 a money transmitter or a money services business in the FinCEN  
12 implementing regulations, which are set forth at  
13 31 C.F.R. 1010.100.

14 And so on this point, I won't get into the minutia of  
15 all the various definitions, except to disagree, to the extent  
16 that anyone, including Mr. Storm, is arguing that the  
17 definitions of "money transmitting" in Sections 1960 and 5330  
18 are co-extensive. I do not believe that to be the case.

19 Mr. Storm also reminds me that exempted from the  
20 definition of "money transmitter" are individuals who merely  
21 provide the delivery communication or network access services  
22 used by a money transmitter to support money transmission  
23 services.

24 So, getting to the meat of Mr. Storm's argument, he  
25 argues that Count Two must be dismissed for two independent

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1 reasons: First, that the statute requires allegations that the  
2 defendant in question had control over the funds being accepted  
3 or transmitted; and second, the absence of allegations that he  
4 or his colleagues charged a fee for transmitting funds.

5 And in support for the first point, Mr. Storm cites  
6 various definitions about accepting and transmitting, and also  
7 cites the Second Circuit's decision in *United States v.*  
8 *Velastegui*, 199 F.3d 590, and *United States v. Bah*,  
9 574 F.3d 106. He also cites FinCEN guidance regarding  
10 intermediaries who do not qualify as money transmitters. And  
11 in his estimation, the use of what is known sometimes in this  
12 case as the "secret note," which permitted the Tornado Cash  
13 user to access and use the funds, always remained with the  
14 user.

15 Here, this Court agrees with the government that  
16 control is not a necessary requirement of the Section 1960  
17 offense. First of all, and as a threshold matter, I am  
18 required to accept at this stage the allegations of the  
19 indictment that the charged money transmitting business  
20 included the conduct of Tornado Cash's founders and network of  
21 relayers, and not merely the pool.

22 But getting back to the issue of control, the control  
23 requirement is not in the statute, and this Court is not going  
24 to read it in. Section 5330 also employs a broader definition  
25 of "engag[ing] as a business in the transmission" of funds, and

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1 that definition includes "any person who engages as a business  
2 in an informal money transfer system or any network of people  
3 who engage as a business in facilitating the transfer of money  
4 domestically or internationally outside of the conventional  
5 financial institutions system."

6 And let me turn for a moment to the FinCEN 2019  
7 regulatory guidance. Yes, it does speak of control, but it  
8 does that in the context of setting forth a four-factor test  
9 for determining whether a wallet provider is a money  
10 transmitter. The section addressing cryptocurrency mixing  
11 services does not similarly require control.

12 At its core, the Section 1960 offense seeks to prevent  
13 the unlicensed transmission of customer funds from one location  
14 to another, irrespective of whether the transmitter obtained  
15 temporary control over the funds to effectuate the transfers or  
16 constructed the transfers specifically in a manner to avoid  
17 such control. Here, the value-add of Tornado Cash, or in the  
18 Tornado Cash system, was that it allowed customers to send  
19 cryptocurrency from one wallet to another, without an obvious  
20 link between the two wallets, by pooling the customers' funds  
21 in an intermediary wallet on the blockchain, and without  
22 necessitating direct customer interaction with Ethereum. That  
23 is not meaningfully different from the cryptocurrency mixing  
24 services recognized as money transmitting businesses in the  
25 *United States v. Murgio*, 209 F. Supp. 3d 698, a Southern

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1 District decision from 2016; *United States v. Harmon*,  
2 474 F. Supp. 3d 76, a District of the District of Columbia  
3 decision from 2020; and *United States v. Sterlinggov*,  
4 573 F. Supp. 3d 28, a District of the District of Columbia  
5 decision from 2021.

6 I do appreciate that Mr. Klein, who I know was  
7 involved with some of these cases, disagrees with me and  
8 believes that all of those have control, but looking at the  
9 actual businesses, I don't find this one to be meaningfully  
10 different.

11 I also do agree that to accept Mr. Storm's argument  
12 would frustrate the purpose of Section 1960, which was designed  
13 to "keep pace with ... evolving threats" as new methods of moving  
14 criminal proceeds emerged over time. Quoting here from *United*  
15 *States v. Faiella*, 39 F. Supp. 3d 544, from 2014.

16 So, as fallback position, Mr. Storm suggests that  
17 Tornado Cash would fall within the exception for network access  
18 services. Here, while acknowledging the paucity of case law,  
19 this Court agrees with the government that the conduct alleged  
20 in the indictment and attributed to Mr. Storm and his  
21 co-conspirators goes far beyond the provision of access to a  
22 network. The Court also agrees that the phrase itself is best  
23 construed as referring to a provider of access to a general  
24 network such as the internet, as was discussed in the *WorldCom*  
25 decision. That's *In re WorldCom, Inc.*, 371 B.R. 19, a

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1 Bankruptcy decision from 2007.

2           But the Court is also rejecting Mr. Storm's second  
3 argument for dismissal, and that is that the government was  
4 required to allege that he or his colleagues or Tornado Cash  
5 charged a fee for money transmitting services. To be sure, in  
6 the *Velastegui* decision that they cite, the Second Circuit  
7 referred to "a money transmitting business receiving money from  
8 a customer and then, for a fee paid by the customer,  
9 transmitting that money to a recipient in a place that the  
10 customer designates, usually a foreign country." But to the  
11 extent that that description was meant to be definitive, the  
12 Second Circuit later clarified, in *United States v. Banki*, a  
13 2012 decision reporting at 685 F.3d 99, that "under Second  
14 1960, a 'business' is an enterprise that is carried on for  
15 profit or financial gain." That was also discussed in *United*  
16 *States v. Mazza-Alaluf*, 607 F. Supp. 2d 484, a Southern  
17 District decision from 2009, that was then affirmed by the  
18 Second Circuit in 2010.

19           As I understand the charges in the indictment, the  
20 Tornado Cash enterprise was not an altruistic venture. Among  
21 other things, the indictment alleges that Mr. Storm and other  
22 Tornado Cash founders solicited approximately \$900,000 in  
23 financing from a venture capital fund in exchange for an  
24 expectation that the fund would receive a share of future  
25 profits from the Tornado Cash service; that they used a bank

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1 account to host the Tornado Cash website and to pay for traffic  
2 between the user interface and the Ethereum blockchain; that  
3 they designed and promoted the Tornado Cash service's relayer  
4 feature, including its structure of charging fees for  
5 withdrawals; that they created a formula for capitalizing on  
6 relayer fees to boost the value of TORN tokens, the  
7 cryptocurrency token they created; and that they cashed out  
8 TORN holdings for millions of dollars. To the extent that a  
9 fee was required, this Court finds that the fees that were  
10 charged and received by the relayer co-conspirators would  
11 suffice.

12 So, I turn now to Count One, which is the Money  
13 Laundering count and its Concealment Money Laundering count.  
14 And I believe the parties are aware of the elements of the  
15 offense, so I will skip over them and simply note that they are  
16 discussed in cases that include *United States v. Gotti*,  
17 459 F.3d 296. And in particular, that deals with the conflict  
18 of concealment money laundering.

19 Here, Mr. Storm first argues that Count Two must be  
20 dismissed because of the failure to allege a "financial  
21 transaction." But for the reasons that I just discussed, the  
22 Court finds that the government has adequately charged an  
23 unlawful money transmitting business offense under Section  
24 1960, the logical extension of that is that Tornado Cash also  
25 qualified as a financial institution, and the transactions at

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1 issue also involved the use of a financial institution.

2 The government offers a fallback position, noting that  
3 the statutory definition of "financial transaction" contains  
4 two alternative definitions; either "a transaction which in any  
5 way or degree affects interstate or foreign commerce ... or a  
6 transaction involving the use of a financial institution[.]"  
7 And they argue that, in paragraph 78 of the indictment, they  
8 were charging in the conjunctive.

9 Now, that point may be somewhat academic, giving my  
10 resolution of the motion, but on this point, I do find merit in  
11 the arguments in the defense's reply brief that, if the  
12 government is really seeking to charge an offense under  
13 Section 1956(c)(4)(A), the statute contains additional elements  
14 that I don't believe are clearly alleged, such as the  
15 transaction might involve the movement of funds by wire or  
16 involve monetary instruments, or involve the transfer of title  
17 to real property, vehicle, vessel, or aircraft. So if the  
18 government is really going that route, they might want to clean  
19 up confusion in a superseding charging instrument, if that's  
20 the track they're pursuing at trial.

21 But Mr. Storm's second argument for dismissal  
22 straddles the "financial transaction" and "conspiracy" elements  
23 of the offense. He argues that the government was required to  
24 allege that he knew the property involved in a particular  
25 financial transaction represented the proceeds of an unlawful

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1 activity, and that's an accurate statement of the law. But  
2 from this, Mr. Storm reasons that Count One must be dismissed  
3 because it does not allege either that Mr. Storm entered into  
4 an unlawful agreement with any person who used Tornado Cash  
5 smart contracts or the Peppersec UI for illicit purposes; or,  
6 number two, that he had the specific intent to commit money  
7 laundering; or, number three, that the indictment alleges, or  
8 in his case, he said, fails to allege the necessary *mens rea*.  
9 Let me unpack these arguments now.

10 The law is clear that, to be guilty of money  
11 laundering, the defendant need not be guilty of, involved in,  
12 or even aware of the specifics of, the specified unlawful  
13 activity. One case for that proposition is *United States v.*  
14 *Silver*, 948 F.3d 538, a Second Circuit decision from 2020.  
15 Another case in which it's discussed is *United States v.*  
16 *Kozeny*, 493 F. Supp. 2d 693, and that's a Southern District  
17 decision from 2007, affirmed by the Second Circuit in 2008.

18 "Conspiring to launder money requires that two or more  
19 people agree to violate the federal money laundering statute,  
20 and that the defendant 'knowingly engaged in the conspiracy  
21 with the specific intent to commit the offenses that [are] the  
22 objects of the conspiracy.'" I'm quoting from *United States v.*  
23 *Garcia*, 587 F.3d 509, a Second Circuit decision from 2009. And  
24 "transaction money laundering ... it requires proof that the  
25 purpose or intended aim of the transaction was to conceal or

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1 disguise a specified attribute of the funds." I'm quoting here  
2 from *United States v. Huezo*, 546 F.3d 174, a Second Circuit  
3 decision from 2008.

4 Let me put this more simply. "The government did not  
5 have to allege that Mr. Storm conspired with any of Tornado  
6 Cash's users to promote or further any of the illicit purposes  
7 of their transactions. Indeed, the government did not have to  
8 allege that Mr. Storm was aware of the specific nature of, much  
9 less be a participant in, the underlying criminal activity.  
10 Instead, the government needs to prove Mr. Storm needed to know  
11 that he was "dealing with the proceeds of some crime, even if  
12 he [did] not know precisely which crime." Cases for that  
13 proposition include *United States v. Prevezon Holdings Ltd.*,  
14 122 F. Supp. 3d 57, a Southern District decision from 2015, and  
15 *United States v. Tillman*, 419 F. App'x 110, a Second Circuit  
16 summary order from 2011.

17 So, in light of cases like *Prevezon Holdings*, I reject  
18 Mr. Storm's argument that "whether or not an express agreement  
19 is required, the government must show 'sufficient proof of  
20 mutual dependence and assistance' between the perpetrators of  
21 the underlying criminal acts and the alleged money laundering  
22 conspirators." I'm quoting here from the motion to dismiss  
23 briefing at pages 28 through 29. In some cases, "the same bad  
24 actors are alleged to have both perpetrated the underlying  
25 specified unlawful activity and to have conducted the financial

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1 transactions in which the proceeds of that activity were  
2 laundered." It is true that is in some cases, but it is not a  
3 requirement. Stated somewhat differently, it is indeed the  
4 case that the Venn diagram of the specified unlawful activity  
5 and the money laundering conspiracy often involves common  
6 conspirators, but it is not necessary, as my restaurant  
7 hypothetical at oral argument explained. And a contrary  
8 holding would run counter to the decision that I just  
9 discussed.

10 I did have a similar conversation with Ms. Axel about  
11 this at oral argument, where she argued that in every money  
12 laundering conspiracy case that she had seen, the defendant was  
13 either a participant in the underlying crime or there was "some  
14 connection or interdependence between the group conducting the  
15 unlawful activity and the money laundering." I accept that  
16 these fact patterns are common, and certainly they would aid  
17 the prosecution in proving both the knowledge and the  
18 willfulness elements that they are required to prove in the  
19 money laundering offense, but I cannot go so far as to say that  
20 they are necessary to demonstrate a money laundering  
21 conspiracy; they are not, in fact, elements of the money  
22 laundering offense, and I will, therefore, not dismiss Count  
23 One on this basis.

24 Separately, Mr. Storm made, and I reject, a timeline  
25 argument that ascribes significance to the fact that the

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1 development of Tornado Cash preceded the charged dates of the  
2 money laundering conspiracy, because, as I understood from my  
3 conversations with Mr. Rehn, the government is not alleging  
4 that Tornado Cash was specifically developed as the first step  
5 in that conspiracy. And I am rejecting the related suggestion  
6 that somehow the government is conflating "the agreement to  
7 develop the Tornado Cash protocol and UI with a non-existent,  
8 later-in-time agreement to engage in purported concealment  
9 money laundering." That's from the defense's reply brief at  
10 page 15.

11 I also find unavailing the argument that the  
12 government did not sufficiently allege *mens rea*. The  
13 indictment alleges that Mr. Storm "willfully and knowingly"  
14 entered into the conspiracy. I don't get to make a  
15 determination of Mr. Storm's intent at this stage; and the  
16 government having adequately alleged the requisite intent, the  
17 decision regarding the sufficiency of the evidence of that  
18 intent is for the jury and not for me. One take for that  
19 proposition is Judge Caproni's case in *United States v.*  
20 *Percoco*, 2017 WL 6314146, from 2017.

21 Now, throughout his submission, Mr. Storm expresses  
22 concern that he is being charged, and would be convicted, on a  
23 negligence theory. In this Court's estimation, neither is  
24 true. In terms of the offense charged, there are sufficient  
25 factual allegations, and representations made in the

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1 government's opposition submission, that, if proven at trial,  
2 would allow a jury to find that Mr. Storm acted with the  
3 requisite intent.

4 There was also no danger of Mr. Storm being convicted  
5 on the basis of negligent acts. The money laundering  
6 conspiracy charge that I give, and I have recently given it,  
7 specifically requires the government to prove beyond a  
8 reasonable doubt that the defendant "knowingly and willfully  
9 became a member of the alleged conspiracy." Willfulness is  
10 defined as acting "knowingly and purposely, with an intent to  
11 do something the law forbids, that is to say, with a bad  
12 purpose either to disobey or disregard the law." And I  
13 specifically indicate in my charge that the object of the  
14 conspiracy cannot be satisfied by negligence. For this reason,  
15 I am not going to dismiss Count Two.

16 I will turn now to the defendant's challenges to Count  
17 Three. He begins first by arguing that the count should be  
18 dismissed because IEEPA's "informational materials" exemption  
19 applies to all alleged components of Tornado Cash system. And  
20 because I don't believe these facts are in doubt, I'm not going  
21 to review the history of the issuance of Executive Order 13466  
22 or OFAC's designation of the Lazarus Group hacking organization  
23 to the Specially Designated Nationals and Blocked Persons List.

24 Let me turn, instead, to the IEEPA violation, which  
25 requires the government to prove, generally speaking, that,

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1 number one, the defendant attempted to violate orders,  
2 regulations, or prohibitions issued pursuant to IEEPA relating  
3 to North Korea; number two, the defendant attempted to commit  
4 the violation or violations willfully; and number three, the  
5 defendant did not have a license issued by a part of the United  
6 States Treasury Department, known as OFAC, or to engage in the  
7 attempted conduct that would have violated the Executive Order  
8 or corresponding regulation.

9 I'm aware of the "informational materials" exception.  
10 I won't read it into the record. I note as well that there's a  
11 bit of a counterweight to that exemption, the software and  
12 technology regulation that OFAC has issued. The fact is that  
13 the courts in this circuit really have not had occasion to  
14 apply the informational materials exemption to the software.  
15 Mr. Storm argues that it is well established that the software  
16 is speech subject to the First Amendment protections. And in  
17 particular, he alleges that the IEEPA conspiracy charge  
18 impermissibly seeks criminal sanctions against him for his role  
19 in publishing one piece of software, Tornado Cash, on top of  
20 another, the Ethereum blockchain, and making it available on  
21 the internet. For reasons similar to those outlined earlier in  
22 this opinion, this Court rejects the argument. The government  
23 argues in the first instance, and the Court accepts, that the  
24 software does not constitute informational materials under this  
25 section.

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1           Actually, let me back up a moment. That is the  
2 government's argument. They may well be right, but I don't  
3 think I need to find that finally. The indictment doesn't  
4 predicate criminal liability on the mere development of  
5 software. To the contrary, Count Three alleges that Mr. Storm  
6 conspired with others to knowingly, actively, and profitably  
7 cause the Tornado Cash service, the UI, the relayer network,  
8 the pools, other smart contracts, and other components of the  
9 service, in order to launder funds for the OFAC-designated  
10 North Korean Lazarus Group, to then accept deposits from that  
11 group's OFAC-sanctioned cryptocurrency wallet, and to process  
12 withdrawals of those funds. Mr. Storm is not being charged  
13 with exporting Tornado Cash software, but with laundering funds  
14 using the Tornado Cash service, which definitionally extends  
15 beyond the software.

16           Once again, Mr. Storm challenges the indictment's  
17 allegations concerning his *mens rea* on this count as well, and  
18 these challenges also fail. To begin, he is charged with  
19 entering into the conspiracy knowingly and willfully, which  
20 tracks the requisite statutory language. The government has  
21 also alleged facts that, if accepted by the jury, suffice to  
22 demonstrate his awareness of the specific sanctions he was  
23 violating. And here, as before, a motion to dismiss the  
24 indictment is an inappropriate procedural vehicle for testing  
25 the strength of the government's evidence regarding intent. So

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1 for all of these reasons, I am not going to be dismissing those  
2 counts on those bases.

3 But there are some broader arguments that I do want to  
4 take a moment to discuss. I really do thank the parties for  
5 the analyses and these arguments. I found them fascinating.  
6 Let me spend a few moments on them.

7 Mr. Storm argues that all three statutes are overbroad  
8 in the violation of the First Amendment because they  
9 criminalize the writing and dissemination of computer code, as  
10 well as the maintenance of a website publishing such a code.  
11 And the First Amendment overbreadth doctrine, speaking  
12 generally, requires the Court hold facially unconstitutional  
13 statutes that punish too much protected speech despite lawful  
14 applications, because such "overbroad laws 'may deter or  
15 'chill' constitutionally protected speech.'" I'm quoting here  
16 from the Supreme Court's decision in *United States v. Hansen*,  
17 599 U.S. 762 from 2023. And there are many cases that it  
18 addresses and that deal with similar things.

19 The challenger, the person offering a First Amendment  
20 challenge, must demonstrate that the statute "prohibits a  
21 substantial amount of protected speech" relative to its  
22 "plainly legitimate sweep." Again, I quote from the *Hansen*  
23 decision. The challenger bears the burden of demonstrating,  
24 from the text of the law and from actual fact, that substantial  
25 overbreadth exists. Quoting here from *New York State Club*

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1       *Association v. City of New York*, 487 U.S. 1, from 1988.

2                  An overbreadth challenge is less likely to succeed  
3 where Congress intended to use terms of art in order to  
4 prescribe only a narrow band of speech, as opposed to the terms  
5 used in every day conversation, which would encompass a broader  
6 swath of speech. Courts here are to consider not only conduct  
7 clearly prohibited by the statute, but also conduct that  
8 arguably falls within its ambiguous sweep. That said,  
9 ordinarily, overbreadth challenges to laws that do not target  
10 speech or expressive activity do not succeed.

11                  The first step in deciding whether any statute is  
12 overbroad is to determine what conduct the statute covers.  
13 That was discussed in the *Hansen* case I mentioned earlier.  
14 Here, in relevant part, the statutes and regulations that  
15 support the three counts prescribe the conducting of a  
16 financial transaction to conceal the proceeds of unlawful  
17 activity, the operation of an unlicensed money transmitting  
18 business, and the receipt of funds from a sanctioned entity  
19 without obtaining OFAC's approval. Mr. Storm contends that  
20 these provisions in fact criminalize and chill the legitimate  
21 expressive activity of publishing computer code that itself  
22 supports a constitutionally protected interest, to which  
23 privacy over financial transaction, where specifically  
24 Mr. Storm contends that Counts One and Two punish the mere  
25 writing and/or dissemination of the code for smart contracts as

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1 a conspiracy to commit money laundering by defining the terms  
2 "conducting" and "transmission" to include this writing or  
3 dissemination. I am focusing here on pages 47 and 48 of the  
4 opening brief.

5 Mr. Storm also contends that Count Three punishes, as  
6 sanctions evasion, the mere retaining of the website providing  
7 the public information to access the Tornado Cash smart  
8 contracts. I disagree with each of those propositions.

9 Mr. Storm has shown neither a substantial overbreadth, nor the  
10 potential for it, based on the laws of purportedly ambiguous  
11 sweep, and that is because these laws do not target protective  
12 expressive conduct. They do not punish coding, QUA coding, or  
13 website maintenance, QUA website maintenance; they punish money  
14 laundering, they punish the operation of an unlicensed money  
15 transmitting business, and they punish sanctions evasion.

16 That Mr. Storm's charged conduct includes the writing  
17 and dissemination of codes and the maintenance of a public  
18 website is insufficient to turn these into some sort of  
19 overbreadth challenge. And to the extent that these laws could  
20 be applied unconstitutionally, Mr. Storm has failed to show  
21 that such instances are disproportionate to their lawful sweep.

22 And lastly, the implication of certain privacy  
23 interests does not make these statutes overbroad. Constraining  
24 statutes to criminalize the alleged conduct would not chill the  
25 legitimate expressive activity of publishing computer codes

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1 supporting a constitutionally protected interest in privacy  
2 over financial transactions. Quite to the contrary, the  
3 implication of these interests is of little relevance to the  
4 Court's overbreadth analysis. And for this reason, the  
5 overbreadth challenge fails.

6 Now, Mr. Storm also mounts an as-applied challenge,  
7 claiming that the statutes violate the First Amendment as  
8 applied to his conduct. Here, the threshold issue is, of  
9 course, whether Mr. Storm's conduct amounts to protected speech  
10 at all, because nonspeech conduct does not merit First  
11 Amendment protection. There's one case that it propositions,  
12 *CFTC v. Vartuli*, 228 F.3d 94, a Second Circuit decision from  
13 2000.

14 It is true that computer coding can be expressive  
15 conduct protected by the First Amendment. One case for that  
16 proposition is *Universal City Studios, Inc. v. Corley*,  
17 273 F.3d 429, a Second Circuit decision from 2001.

18 But when a programmer is using a code to direct a  
19 computer to perform various functions, that code is not  
20 protected speech. Another Court noted the interaction between  
21 programming commands as triggers and semiconductors as a  
22 conduit, even though communication is not speech within the  
23 meaning of the First Amendment, and the communication between  
24 the program and a customer using it as intended was similarly  
25 not speech. The functional capability of code is not speech

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1 within the meaning of the First Amendment.

2           Here, the conduct charged in the indictment includes  
3 the functional capability of code, which does not implicate the  
4 First Amendment. To the extent that the indictment alleges  
5 that Mr. Storm used computer code, it was to design a program  
6 that furthered money laundering and sanctions evasion scheme.  
7 The use of computer coding or software to achieve these ends is  
8 far from the expressive sort of coding that would merit First  
9 Amendment protection. And although the Court finds that  
10 Mr. Storm's conduct does not implicate the First Amendment,  
11 even assuming that it did, the Court finds that the application  
12 of these laws to Mr. Storm's conduct satisfies intermediate  
13 scrutiny.

14           Mr. Storm contends that the application of these  
15 statutes to his conduct is a content-based restriction on his  
16 freedom of speech. More specifically, he argues that the  
17 statutes underlying the charges target the function of his  
18 supposed speech conduct; namely, computer code designed to  
19 improve the privacy of personal financial transactions, which  
20 is a constitutionally protected interest. He also argues that  
21 the indictment takes the position that there is no legitimate  
22 purpose for maintaining privacy over one's financial  
23 transactions on an otherwise completely transparent and  
24 publically viewable blockchain. These arguments are made in  
25 the opening brief at pages 49 and 50 and in the reply brief at

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1 27 and 28.

2 The Court disagrees with the arguments. The reference  
3 as to privacy in the indictment amount to allegations that  
4 Mr. Storm had the requisite state of mind, not indications that  
5 the government aims to punish the expression of a generalized  
6 belief in promoting privacy. I'm looking, in particular, at  
7 paragraphs 11, 21, and 35 of the indictment; I believe there  
8 are others that fall within this category.

9 Any restrictions of Mr. Storm's speech are content  
10 neutral, and this Court, therefore, need not address the  
11 argument that such restrictions fail strict scrutiny. "A  
12 content-neutral restriction is permissible if it serves a  
13 substantial governmental interest, the interest is unrelated to  
14 the expression of free expression, and the regulation is  
15 narrowly tailored ... meaning it does not 'burden substantially'  
16 more speech than is necessary to further the government's  
17 legitimate interests.'" I'm quoting here from *Corley*. I  
18 realize that this is something the government bears the burden  
19 on, as noted by the Second Circuit in *Cornelio v. Connecticut*,  
20 32 F.4th 160, a 2022 decision.

21 The defense argued that the government has failed to  
22 meet this burden, but the Court finds that the government has.  
23 The government has a substantial interest in promoting a secure  
24 financial system by combating money laundering, by combating  
25 the operation of unregistered money transmitting services, and

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1 by combating the evasion of sanctions. These interests are  
2 wholly unrelated to the suppression of free expression, and the  
3 applicability of these laws to Mr. Storm's conduct does not  
4 burden substantially more speech than necessary to further the  
5 government's substantial interest, because the charged conduct  
6 implicates the functional, rather than the expressive features,  
7 of computer coding and software. Accordingly, these laws, as  
8 applied to Mr. Storm's conduct, satisfy intermediate scrutiny  
9 to the extent that Mr. Storm's conduct implicates the First  
10 Amendment.

11           Moving on, Mr. Storm also argues that the statutes are  
12 void for vagueness, both facially and as applied to his  
13 conduct. This Court disagrees. "The void-for-vagueness  
14 doctrine requires that a penal statute define the criminal  
15 offense with sufficient definiteness that ordinary people can  
16 understand what conduct is prohibited and in a manner that does  
17 not encourage arbitrary and discriminatory enforcement." I'm  
18 quoting here from *Copeland v. Vance*, 893 F.3d 101, a Second  
19 Circuit decision from 2018. Challengers can raise an  
20 as-applied challenge or a facial challenge to a criminal  
21 statute. There are different standards to both, but all  
22 vagueness challenges, whether facial or as-applied, require the  
23 Court to answer two separate questions: Whether the statute  
24 gives adequate notice, and whether it creates a threat of  
25 arbitrary enforcement. Indeed, Courts should proceed with

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1 caution when evaluating vagueness challenges and should examine  
2 the challenger's conduct before analyzing other hypothetical  
3 applications of the law. This is discussed in cases including  
4 *Expression Hair Design v. Schneiderman*, 581 U.S. 37, from 2017.

5 The Second Circuit in *United States v. Houtar*,  
6 980 F.3d 268, in 2020, also instructed lower courts to presume  
7 that acts of Congress are not unconstitutionally vague. So  
8 although Mr. Storm conflates the reasons supporting his facial  
9 challenge with those supporting his as-applied challenge, at  
10 bottom, what he is arguing is that all three statutes  
11 criminalize the publication of any software that may later be  
12 misused by a third party, even where the author of such code is  
13 not involved in or even aware of such misuse.

14 He contends that the statutory definitions of  
15 "financial transaction" in Section 1956, "accepting and  
16 transmitting" in Section 1960, and "informational materials" in  
17 Section 1702(b)(3) are all facially vague. He also argued that  
18 these statutes invite arbitrary enforcement because there are  
19 no explicit standards for their application to those  
20 disseminating code and maintaining websites. Moreover, he  
21 claims that it is unclear whether the statutes extend only to  
22 the writing and dissemination of the code over which the author  
23 contains control or whether they extend to immutable code,  
24 subjecting the author to criminal liability for third parties'  
25 misuse.

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In this case, the Court finds that the statutes at issue gave Mr. Storm adequate notice that his conduct was criminal and created no threat of arbitrary enforcement. I will point, as adequate notice, the indictment alleged that he knowingly marketed Tornado Cash as a means of allowing customers to conceal the nature and source of their unlawful activity, he had adequate notice that this conduct was prescribed by Section 1956. He also had adequate notice that his conduct was prescribed by Section 1960. Because although Tornado Cash is not a traditional money transmitting outfit, its business fits the plain definition of money transmitting such that he had adequate notice that the charged conduct was criminally prescribed.

Finally, the indictment alleges that Mr. Storm was aware that stolen funds from an OFAC-sanctioned entity were laundered through Tornado Cash and continued to facilitate these transactions. Once again, the statutes afforded him adequate notice that his conduct was criminal, despite that fact that he may have used nontraditional technology to do so.

On the issue of arbitrary enforcement, Mr. Storm's narrow focus on the act of disseminating code and whether the statutes might extend to immutable code confuses the issue. The question in a facial challenge is whether the statute is so fatally indefinite that it cannot constitutionally be applied to anyone. And I'm quoting here from the *Copeland* decision.

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1 That the statutes do not distinguish between mutable and  
2 immutable code, or do not directly address computer coding, is  
3 insufficient to show fatal indefiniteness, because these are  
4 merely the means that Mr. Storm and his colleagues allegedly  
5 used to achieve the ends of a conspiracy to launder money, to  
6 operate an unregistered money transmitting business, and to  
7 evade sanctions, all of which are clearly prescribed by the  
8 statute. Not only can these statutes be applied to the conduct  
9 of others, but they can also be applied to Mr. Storm's conduct.  
10 His facial vagueness challenge, therefore, falls.

11           In the end, his arguments fail not in due process  
12 violation, but in the weight of the evidence as to his state of  
13 mind, which, as I noted earlier, is a matter for the jury and  
14 not this Court.

15           Mr. Storm argues that the counts should be dismissed  
16 pursuant to the rule of lenity because the indictment alleges a  
17 novel and expansive interpretation of the statutes underlying  
18 the conspiracy charges, and expanding criminal liability to the  
19 alleged conduct would involve a sweeping expansion of federal  
20 criminal jurisdiction in the absence of a clear statement of  
21 Congress. I am quoting his brief at page 54. The parties are  
22 aware of the rule of lenity. It ensures fair warning by so  
23 resolving ambiguity in a criminal statute so as to apply it  
24 only to conduct clearly covered. I'm quoting here from the  
25 Supreme Court's decision in *United States v. Lanier*, 520 U.S.

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1 259. And that means it's a threshold matter. That the  
2 challenger invoking the rule of lenity must establish that the  
3 criminal statute is ambiguous. And absent this showing where  
4 the statutory language is unambiguous, a lenity challenge  
5 fails. The Second Circuit found this in the 2021 decision of  
6 *United States v. Gu*, 8 F.4th 82.

7 Separately, there is no role for lenity to play if  
8 there are two grammatically permissible readings of the statute  
9 when viewed in the abstract but only one is consistent with the  
10 statute's design. And that is a different Supreme Court  
11 decision, *Pulsifer v. United States*, 601 U.S. 24, from 2024.

12 For many of the same reasons that the Court has  
13 rejected Mr. Storm's vagueness and First Amendment challenges,  
14 it rejects the lenity challenge. The statutes, as construed by  
15 the government in the indictment, extend to Mr. Storm's alleged  
16 conduct. He has not made a threshold showing of statutory  
17 ambiguity, and there is, therefore, nothing for lenity to  
18 resolve.

19 The final argument being made is that the counts  
20 should be dismissed as novel constructions. The *Lanier* case I  
21 mentioned a moment ago indicates the due process bars courts  
22 from applying a novel construction of a criminal statute to  
23 conduct that neither the statute nor any prior judicial  
24 decision had fairly disclosed to being within its scope. And  
25 here, Mr. Storm has said that there's simply no precedent for

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1 the expansive application of the statutes to his conduct. He  
2 urges the Court to adopt limited constructions of the statute  
3 because, he says, he has found no judicial decisions holding  
4 that the constitutionally protected activity of providing code  
5 to users who wish to protect their financial privacy can  
6 constitute money laundering, operating a money transmitting  
7 business, or evading sanctions. But here too, Mr. Storm is  
8 confusing the issue. Due process does not require the  
9 existence of an analogous prior prosecution.

10                 The Second Circuit, in *Ponnnapula v. Spitzer*,  
11 297 F.3d 172, from 2002, found that due process is not violated  
12 simply because the issue is a matter of first impression. A  
13 similar result was obtained in *United States v. Ulbricht*, the  
14 District Court decision at 31 F. Supp. 3d 540, in 2014. And  
15 Mr. Storm has not shown that the alleged conduct is outside of  
16 or not within the scope of the statutes in question, as shown  
17 in the *Lanier* case. Accordingly, his argument that all counts  
18 be dismissed as novel constructions failed, and this Court will  
19 not dismiss the three counts in the indictment.

20                 I appreciate so much the fact that you've listened to  
21 me speak for just over an hour. That is my resolution of the  
22 open motions to dismiss and to compel. I will issue a  
23 bottom-line order that simply notes that they have been  
24 resolved.

25                 I am aware that in the last 24 hours there was an

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1 opposition submission from Mr. Storm the government's request  
2 for the disclosure of information about an advice of counsel  
3 defense and some other things.

4 Mr. Rehn, I don't know that I authorized a reply  
5 brief. I'm not sure I got to that point. Is the government  
6 intent on replying?

7 MR. REHN: I don't think it is necessary, your Honor.

8 THE COURT: That's fine. Candidly, and this should  
9 not shock you, I've been working on this opinion and I haven't  
10 really thought about that. I will get to it promptly, and I  
11 thank you.

12 From my perspective, I believe that's all that I need  
13 to do today. We have a trial date, we have a schedule. Other  
14 than this issue about notice, which I will look at when I can,  
15 I don't think there's anything else open.

16 Mr. Rehn, from your perspective, is there anything  
17 I've omitted doing?

18 MR. REHN: No, your Honor. We're prepared to address  
19 the issues raised in our motion filed last week if the Court  
20 would like to hear at some future date. It doesn't sound like  
21 the Court is ready to hear either of parties.

22 THE COURT: No, no. You can put this on me. This  
23 Court is not prepared to deal with that motion at this exact  
24 moment in time, having just spoken to you for almost  
25 70 minutes, so, no. But I do thank you for being prepared.

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1                   Mr. Klein, I'm confident that you're prepared as well.  
2 I just want a chance to look at it. And if I need oral  
3 argument, I can do what I'm doing right here and just have the  
4 parties participate by phone.

5                   Mr. Klein, is there anything I've omitted doing this  
6 afternoon, sir?

7                   SPEAKER2: No, your Honor.

8                   THE COURT: I thank you all very much.

9                   Again, I appreciate your willingness to remain on the  
10 phone, and I really do appreciate the care that you've put into  
11 your submissions, which I found really interesting, so thank  
12 you for that.

13                  I will let you all go. You have my thanks.

14                  We are adjourned.

15                  (Adjourned)

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